

**FIG. 2**  
RELATED ART

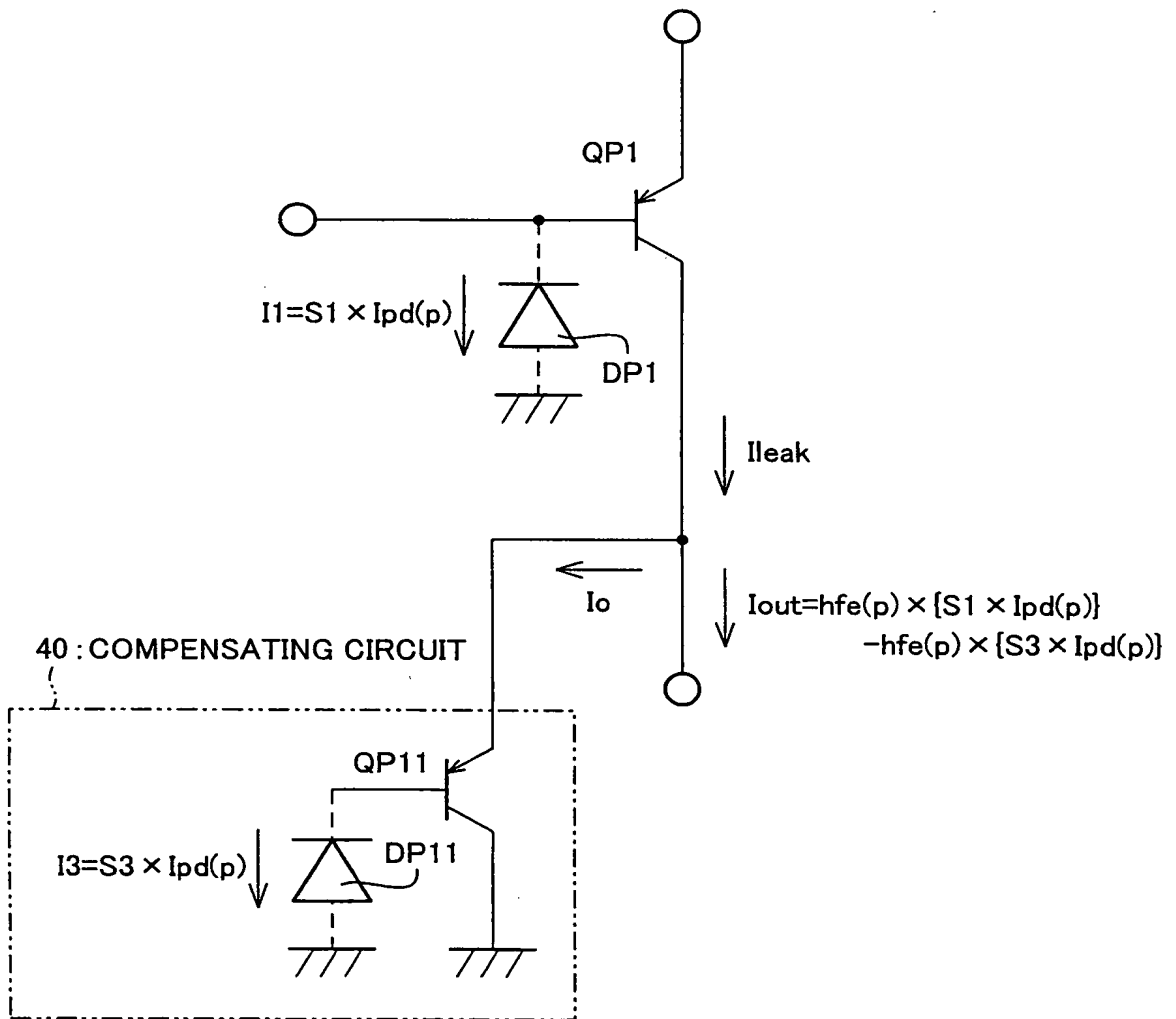
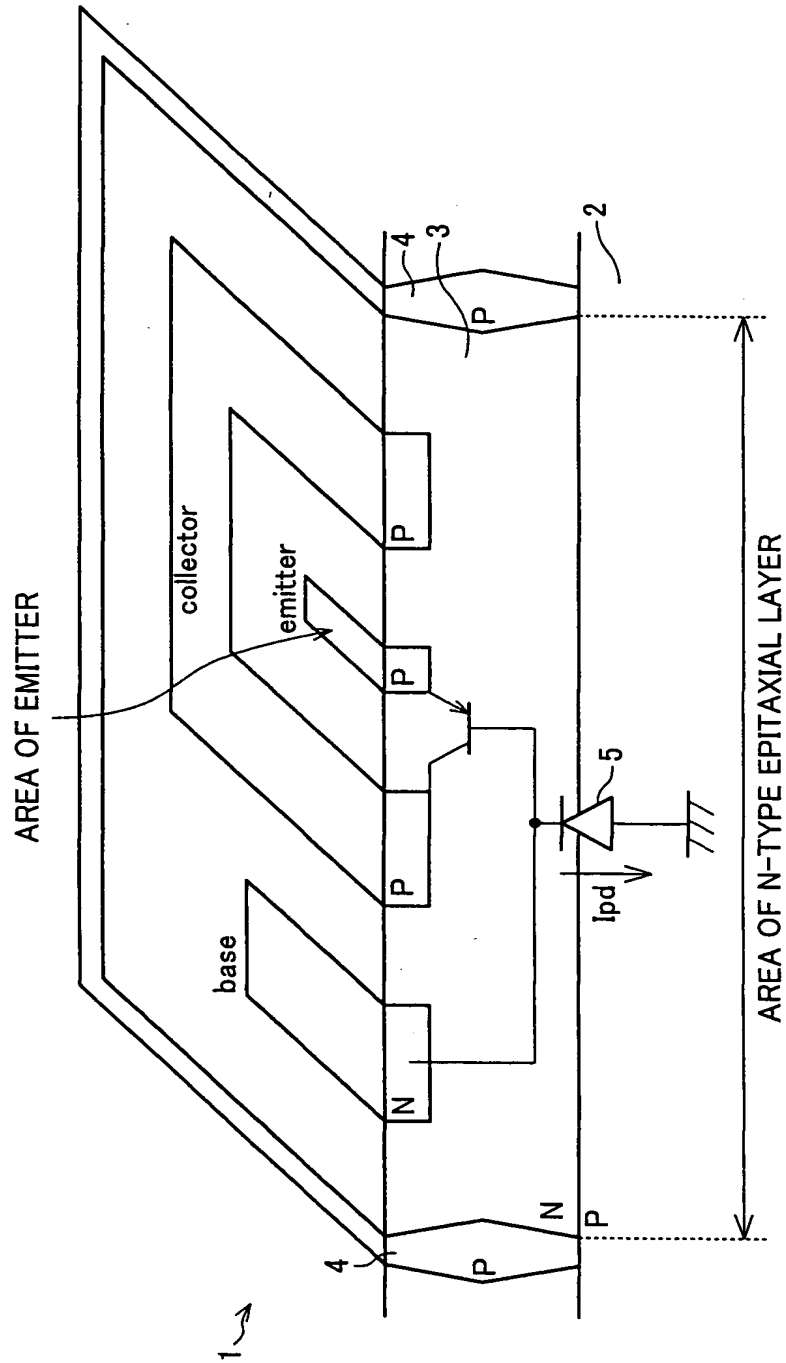


FIG. 6  
PRIOR ART



**FIG. 7**  
PRIOR ART

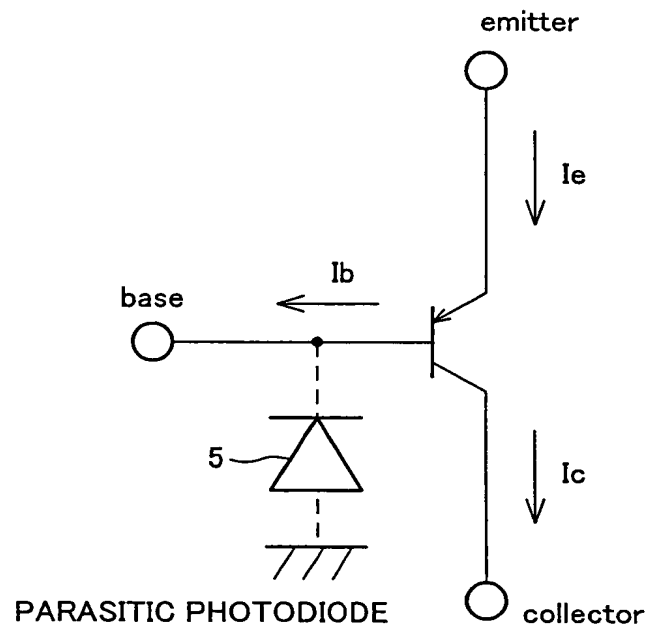
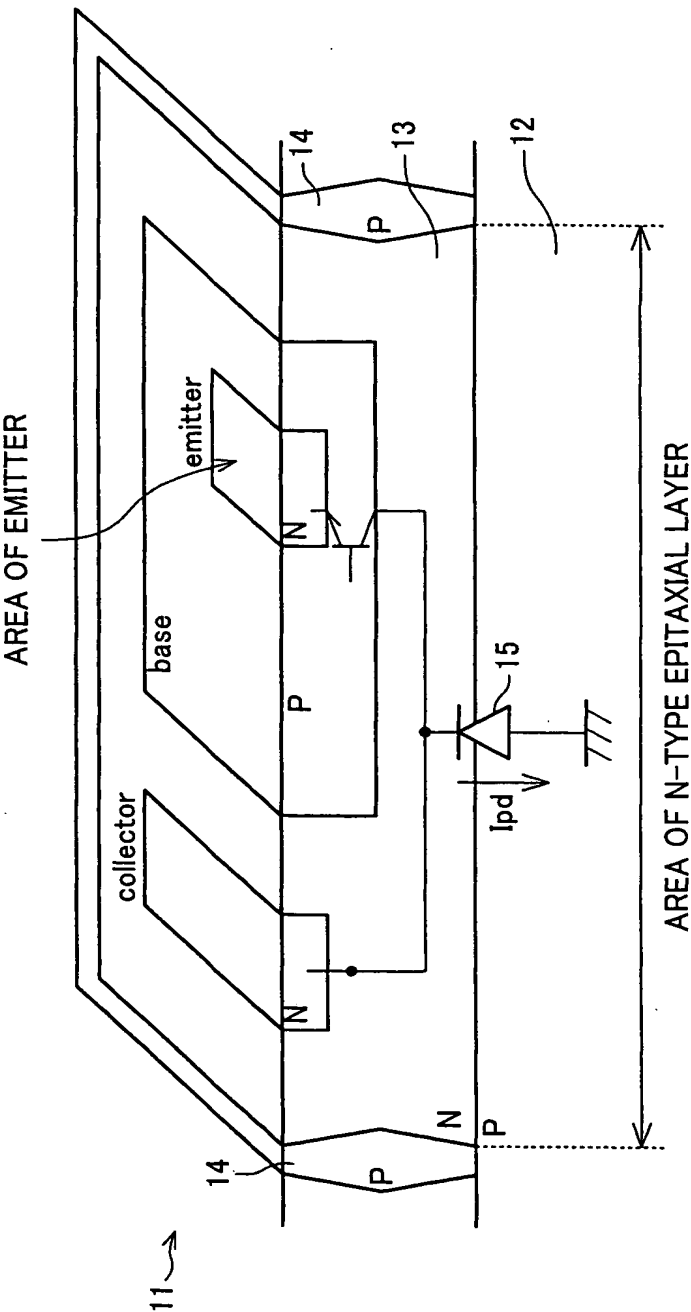


FIG. 8  
PRIOR ART



**FIG. 9**  
PRIOR ART

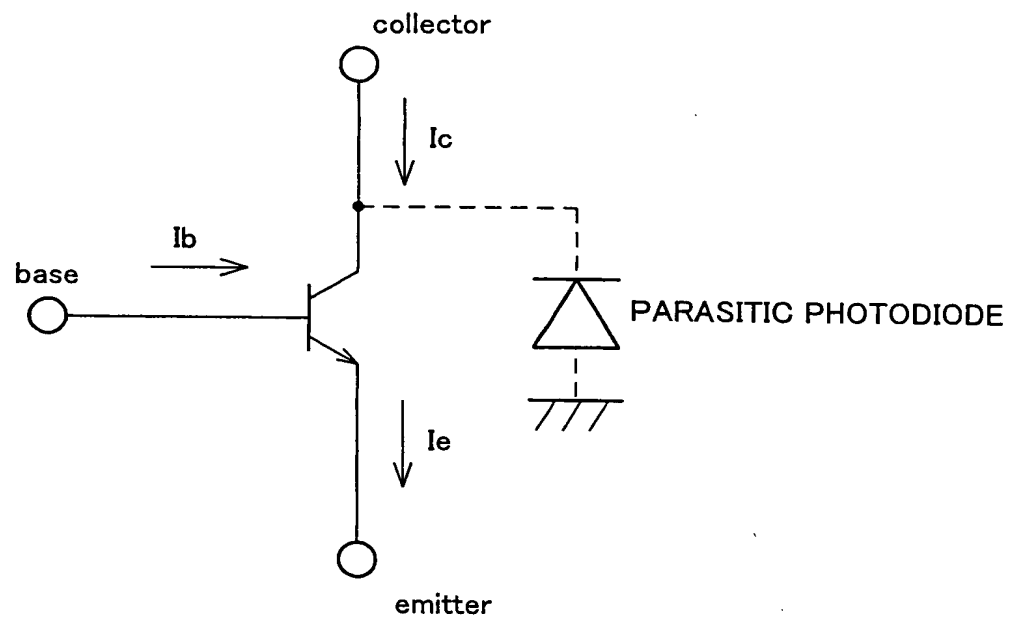
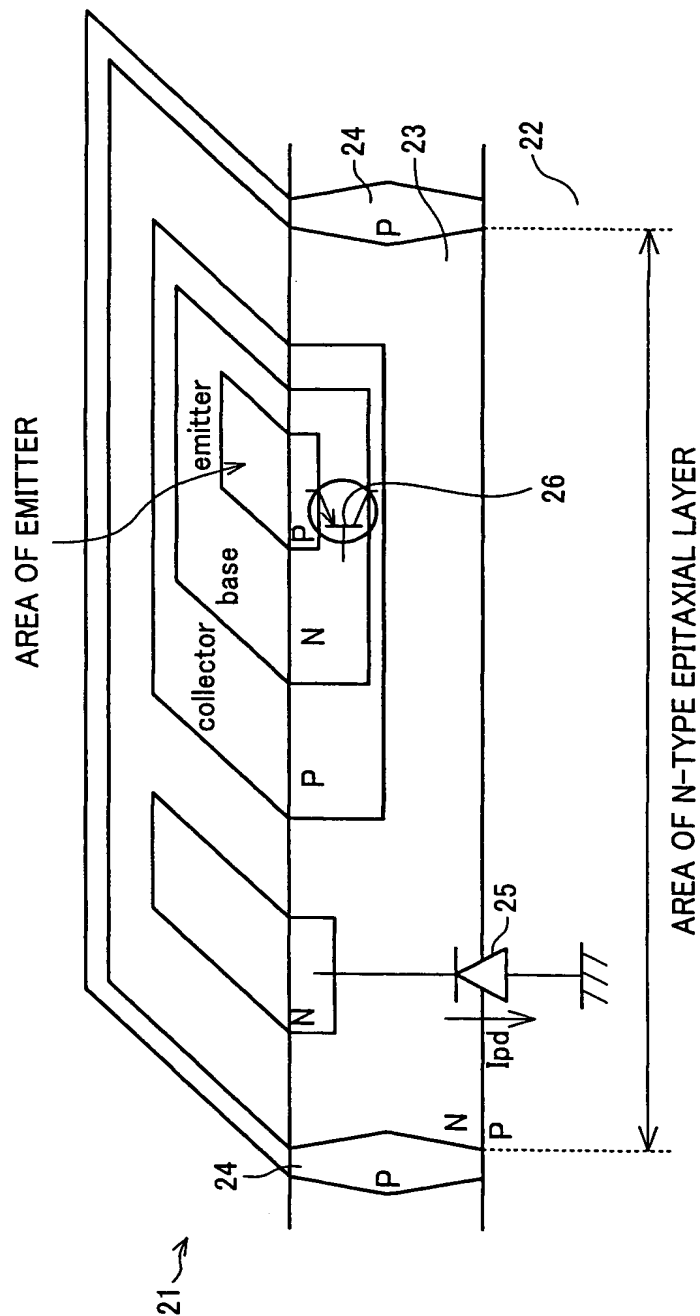
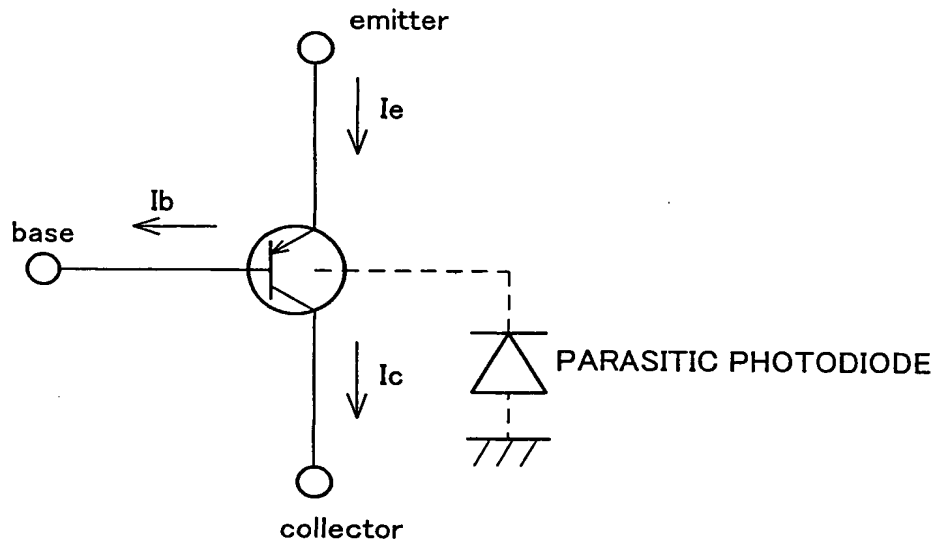


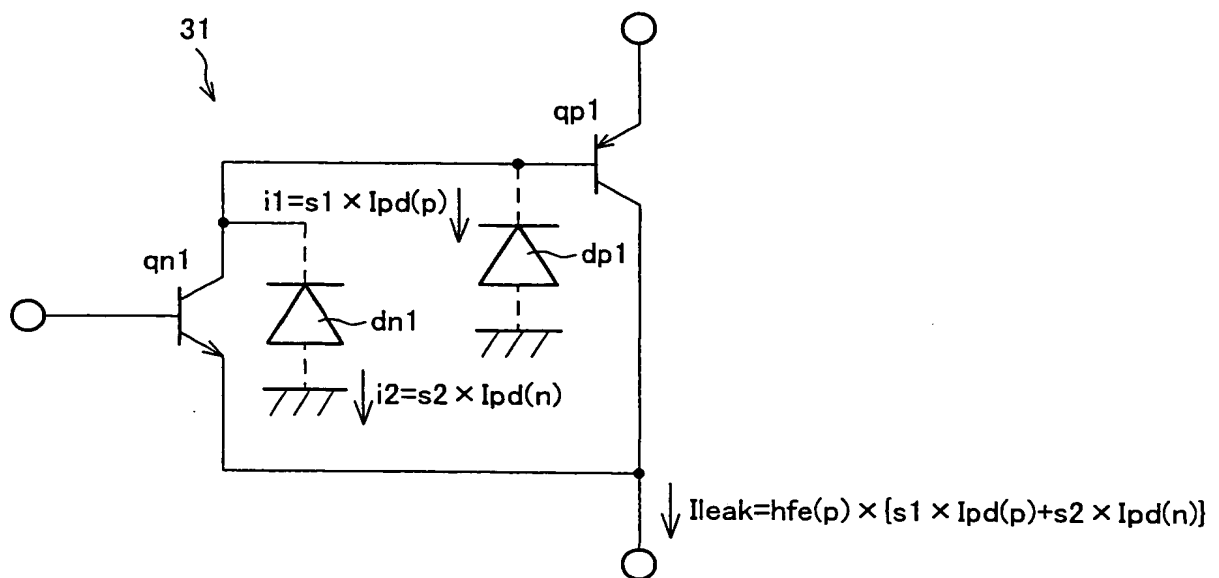
FIG. 10  
PRIOR ART



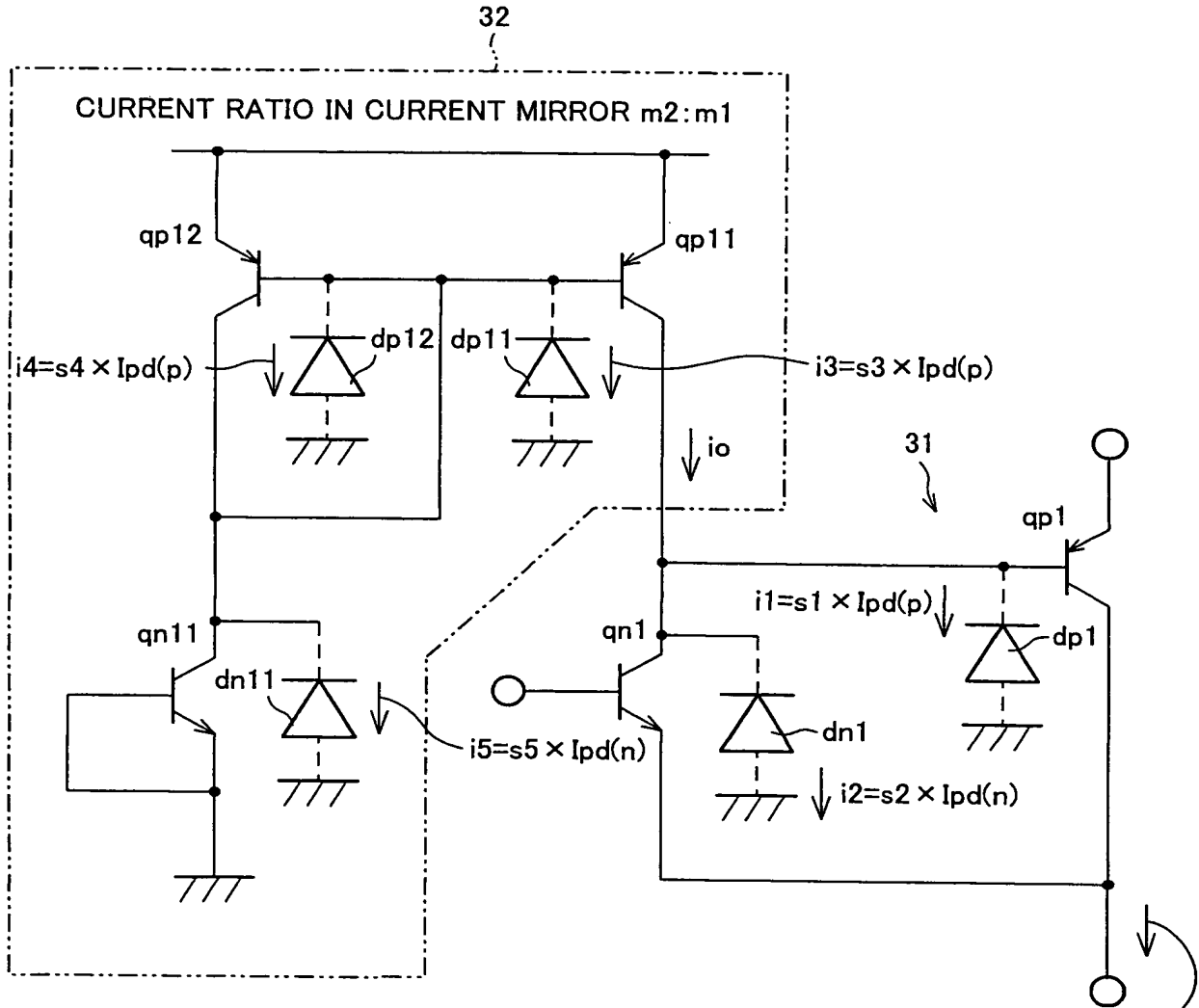
**FIG. 11**  
PRIOR ART



**FIG. 12**  
PRIOR ART



**FIG. 13**  
PRIOR ART



$$I_{leak} = h_{fe}(p) \times \left[ \{s1 \times I_{pd}(p) + s2 \times I_{pd}(n)\} - (m1/m2) \times \{s5 \times I_{pd}(n) + (s3 + s4) \times I_{pd}(p)\} \right]$$